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SESSION RESUMED IN FILE 'CAPLUS' AT 18:07:04 ON 18 MAY 2009
FILE 'CAPLUS' ENTERED AT 18:07:04 ON 18 MAY 2009
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	66.08	195.91
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-9.02	-9.02

=> //NOTE: SEARCH PG PUB OF US 4837190 FOR STRUCTURES
IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
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=> FILE CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	67.08	196.91
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-9.02	-9.02

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FILE COVERS 1907 - 18 May 2009 VOL 150 ISS 21
FILE LAST UPDATED: 17 May 2009 (20090517/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate

=> S US4837190/PA

L5 0 US4837190/PA

=> HELP PATENT

Patent information is available in the following files on STN.

File	Content	Years
CA, HCA, ZCA	Bibliographic information, patent family, abstracts, and indexing for the indexed patents	1879 to date
CAPLUS, HCAPLUS, ZCAPLUS	Bibliographic information, abstracts, and indexing for the indexed patents; bibliographic information and patent family for the most recent patents that have not yet been abstracted and indexed	1879 to date
MARPAT	Markush structures for patents	1961 to date
CASREACT	Reaction diagrams, bibliographic information, abstracts, and indexing	1899 to date

Enter HELP DIRECTORY at an arrow prompt in each file for a list of online help messages for that file.

Additional information on CAS patent coverage may be found online as help messages in the files or on the Web.

Online Help	Information
HELP COUNTRY	Patent countries covered by CAS
HELP KIND	Definitions of patent kind codes
HELP SFIELDS	All search fields, including patent search fields, in the file
HELP FAM	Patent family information

For an overview of CAS patent coverage on the Web, with links to lists of countries, years of coverage, patent kind codes, and IPCs

covered, go to:

www.cas.org/expertise/cascontent/capplus/patcoverage/

=> HELP SFIELDS

The searchable fields in the CApplus File are listed below. If you do not specify a field, your term will be searched in the Basic Index, which contains single words from document title, supplementary term, index term, and abstract fields, as well as CAS Registry Numbers(R). Fields that allow left truncation and SLART (/BI, /AB, /TI, /IT, and /ST) are indicated by an asterisk (*).

General Search Fields

Definition	Search Code
Basic Index *	/BI (or /IA)
Abstract *	/AB
Accession Number	/AN
Author	/AU
CA Section Cross-references	/SX
Classification Code (CA Section)	/CC
Company Name thesaurus search aid	/CO
Controlled Term	/CT
Controlled Word	/CW
Corporate Source	/CS
	/CYA
Document Number	/DN
Document Type	/DT
Entry Date	/ED
Field Availability	/FA
File Segment	/FS
Index Term *	/IT
International Standard (Document) Number	/ISN
Issue Number of Publication	/IS
Journal Title	/JT
Language	/LA
Original Reference Number	/OREF
Other Source	/OS
Publication Date	/PD
Publication Year	/PY
Publisher	/PB
Publisher Item Identifier	/PUI
Role	/RL
Source	/SO
Supplementary Term *	/ST
Title *	/TI
Uniform Resource Locator	/URL
Update Date	/UP
Update Date, CA Abstract Number and Indexing	/UPI
Volume and Issue of CA	/VI
Volume Number of Publication	/VL

Patent Search Fields

Definition	Search Code
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Country Number Count	/CYC
Designated States	/DS
Designated States, Basic	/DS.B
European Classifications	/ECLA
Family Accession Number	/FAN
Family Accession Number Count	/FAN.CNT
File Forming Terms for Japanese Patents	/FTERM
International Patent Classification, All (1)	/IPC
International Patent Classification, Basic Patent	/IPC.B
International Patent Classification, Action Date	/IPC.ACD
International Patent Classification, Initial Classification	/IPCI
International Patent Classification, Keywords	/IPC.KW
International Patent Classification, Reclassification	/IPCR
International Patent Classification, Version	/IPC.VER
International Patent Classification, Main and Secondary (2)	/IC
International Patent Classification, Additional or Supplementary (2)	/ICA
International Patent Classification, Index or Complementary (2)	/ICI
International Patent Classification, Main (2)	/ICM
International Patent Classification, Main Group, Range Searchable (2)	/MGR
International Patent Classification, Secondary (2)	/ICS
International Patent Classification, Subgroup, Range Searchable (2)	/SGR
Inventor Name	/IN
National Patent Classification, Current	/NCL
National Patent Classification, Issued	/INCL
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Patent Application Country	/AC
Patent Application Country, Basic	/AC.B
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Patent Application Year	/AY
Patent Application Year, Basic	/AY.B
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Patent Country	/PC
Patent Country, Basic	/PC.B
Patent Kind Code	/PK
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Priority Application Date	/PRD
Priority Application Date, Basic	/PRD.B
Priority Application Number (3)	/PRN
Priority Application Number, Basic	/PRN.B
Priority Application Year	/PRY

Priority Application Year, Basic	/PRY.B
Publication Date (Patent, Basic)	/PD.B
Publication Year (Patent, Basic)	/PY.B
Update Date Patent Family	/UPP

- (1) This field contains all IPCs (pre-IPC Reform and post-IPC Reform) for the basic patents and family members. A thesaurus is available in this field.
- (2) This field contains the IPCs only for the basic patents published with pre-IPC Reform codes. This field will not be updated with the IPC Reform codes. Use the /IPC field to search all IPCs (pre-IPC Reform and post-IPC Reform) for the basic patent documents and family members.
- (3) US provisional priority numbers are searched only with a P appended, e.g., US1999-121903P/PRN.

You may also use the following super search fields to execute a search in one or more fields:

Search Field Name	Super Search Code	Fields Searched
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IPC, Old	/IPC.OLD	/IC,/ICA,/ICI
Patent Application and Priority Number	/APPS	/AP,/PRN
Patent Application and Priority Number, Basic	/APPS.B	/AP.B,/PRN.B
Patent Countries	/PCS	/PC,/DS
Patent Countries, Basic	/PCS.B	/PC.B,/DS.B
Patent Numbers	/PATS	/PN
Patent Numbers, Basic	/PATS.B	/PN.B

Cited References Search Fields

Definition	Search Code
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Cited Reference	/RE
Cited Reference Accession Number in CAPLUS	/RAN.CAPLUS
Cited Reference Accession Number in MEDLINE	/RAN.MED
Cited Reference Author Name	/RAU
Cited Reference File Availability	/FILE.CIT
Cited Reference Inventor Name	/RIN
Cited Reference Page Number (first)	/RPG
Cited Reference Patent Country Code	/RPC
Cited Reference Patent Kind Code	/RPK
Cited Reference Patent Number	/RPN
Cited Reference Publication Year	/RPY

Cited Reference	/RIS
Series Issue Number	
Cited Reference	/RVL
Series Volume Number	
Cited Reference	/RSO
Source Information	
(contains year, volume,	
issue, page, and publication	
title)	
Cited Reference	/RWK
Work (Publication Title)	
Citing Document	/RE.CNT
Reference Count	(/REC)

REGISTRY Search Fields

CAPLUS has been enhanced with REGISTRY to support searching of substance data, including structures, from the REGISTRY file. Specify your substance query terms with any appropriate field codes appended plus the REGISTRY field code /REGISTRY (or /REG). Use parentheses to group several search terms and logic operators as needed. REGISTRY will automatically search the substance terms in REGISTRY, cross-over the results into CAPLUS, and produce bibliographic references relevant to your substance-based terms. Enter HELP FIRST for more information and examples.

Numeric Search Fields

All fields are text fields except for Citing Document Reference Count (/RE.CNT, /REC), Cited Reference Publication Year (/RPY), Entry Date (/ED), Family Accession Number Count (/FAN.CNT), Issue Number (/IS), IPC Main Group, Range-searchable (/MGR), IPC Subgroup, Range-searchable (/SGR), National Patent Classification Code, Range-searchable (/NCLR), Patent Application Date (/AD), Patent Application Date, Basic (/AD.B), Patent Application Year (/AY), Patent Application Year, Basic (/AY.B), Patent Country Number Count (/CYC), Patent Number Count (/PNC), Priority Application Date (/PRD), Priority Application Date, Basic (/PRD.B), Priority Application Year (/PRY), Priority Application Year, Basic (/PRY.B), Publication Date (/PD), Publication Date, Patent, Basic (/PD.B), Publication Year (/PY), Publication Year, Patent, Basic (/PY.B), Update Date (/UP), Update Date, CA Abstract Number and Indexing (/UPI), Update Date _ Patent Family (/UPP), and Volume Number of Publication (/VL), which are numeric and may be searched with numeric operators or ranges, e.g., S 1992-1993/PY.

Search and display fields generally have the same field codes. To see a list of display fields, enter HELP DFIELDS at an arrow prompt (=>).

=> S US4837190/PN
L6 1 US4837190/PN

=> D L6

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1988:610513 CAPLUS Full-text
DN 109:210513
OREF 109:34815a,34818a
TI Preparation of organic solvent soluble polyvalent metal alkoxyalkoxides
IN Summers, William, III; Burkhardt, Eric William
PA Stauffer Chemical Co., USA
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 244917	A1	19871111	EP 1987-200842	19870508
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	US 4837190	A	19890606	US 1986-861392	19860509 <--
	CA 1278578	C	19910102	CA 1987-532400	19870319
	JP 62281835	A	19871207	JP 1987-102116	19870427
	AU 8772557	A	19871112	AU 1987-72557	19870506
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PRAI	US 1986-861392	A	19860509		

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E1 THROUGH E41 ASSIGNED_

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.33	204.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-9.02

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STRUCTURE FILE UPDATES: 17 MAY 2009 HIGHEST RN 1147079-26-2
DICTIONARY FILE UPDATES: 17 MAY 2009 HIGHEST RN 1147079-26-2

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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=> D HIS

(FILE 'HOME' ENTERED AT 16:19:18 ON 18 MAY 2009)

FILE 'CASREACT' ENTERED AT 16:20:11 ON 18 MAY 2009

L1 STRUCTURE UPLOADED
L2 16 S L1 SSS SAMPLE

FILE 'CAPLUS' ENTERED AT 16:26:14 ON 18 MAY 2009

FILE 'REGISTRY' ENTERED AT 16:26:30 ON 18 MAY 2009

FILE 'CASREACT' ENTERED AT 16:26:42 ON 18 MAY 2009

L3 1842 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 16:27:50 ON 18 MAY 2009

E SCANDIUM+ALL/CT
E LANTHANUM+ALL/CT
E RARE EARTH METALS+ALL/CT
E ACTINIUM+ALL/CT
L4 11 S L3 AND ((SCANDIUM OR "GROUP IIIB ELEMENTS") OR (LANTHANUM OR

FILE 'CAPLUS' ENTERED AT 18:08:16 ON 18 MAY 2009

L5 0 S US4837190/PA
L6 1 S US4837190/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 18:10:01 ON 18 MAY 2009

=> S E1-E41

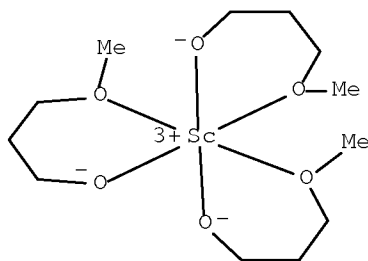
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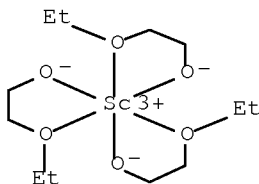
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ED Entered STN: 11 Nov 1988
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OTHER CA INDEX NAMES:
CN 1-Propanol, 3-methoxy-, scandium complex
MF C12 H27 O6 Sc
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



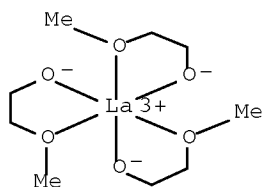
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L7 ANSWER 2 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
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ED Entered STN: 11 Nov 1988
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CN Ethanol, 2-ethoxy-, scandium complex
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CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



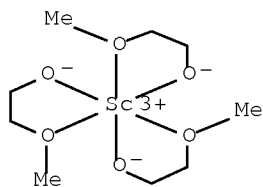
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L7 ANSWER 3 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
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 CN Lanthanum, tris(2-methoxyethanolato-O,O')-
 OTHER NAMES:
 CN Ethanol, 2-methoxy-, lanthanum(3+) salt
 CN Lanthanum 2-methoxyethoxide
 CN Lanthanum methoxyethoxide
 CN Tris(2-methoxyethanolato)lanthanum
 DR 173446-70-3
 MF C9 H21 La O6
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS, CHEMCATS, CSCHEM, TOXCENTER, USPAT2, USPATFULL



43 REFERENCES IN FILE CA (1907 TO DATE)
 43 REFERENCES IN FILE CAPLUS (1907 TO DATE)

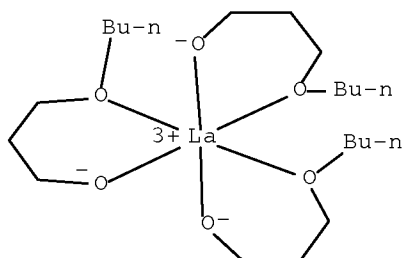
L7 ANSWER 4 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 115668-62-7 REGISTRY
 ED Entered STN: 06 Aug 1988
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 MF C9 H21 O6 Sc
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 LC STN Files: CA, CAPLUS, USPATFULL



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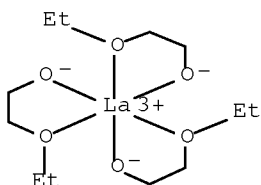
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 ED Entered STN: 06 Aug 1988

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 LC STN Files: CA, CAPLUS, USPATFULL



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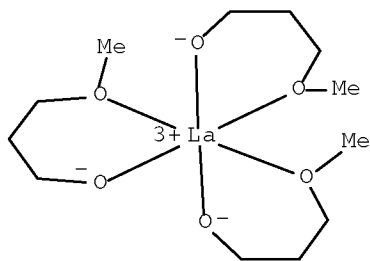
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9 REFERENCES IN FILE CA (1907 TO DATE)
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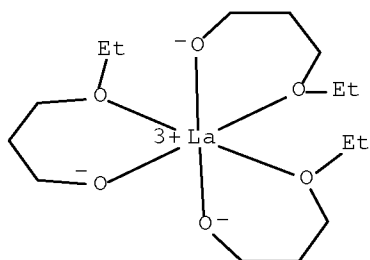
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 OTHER CA INDEX NAMES:
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 CN Lanthanum, tris(3-methoxy-1-propanolato-O,O')-
 MF C12 H27 La O6
 CI CCS

SR CA
LC STN Files: CA, CAPLUS, USPATFULL



3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

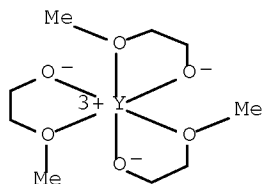
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RN 115668-58-1 REGISTRY
ED Entered STN: 06 Aug 1988
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OTHER CA INDEX NAMES:
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MF C15 H33 La O6
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 9 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115668-57-0 REGISTRY
ED Entered STN: 06 Aug 1988
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CN Yttrium, tris(2-methoxyethanolato-O,O')-
OTHER NAMES:
CN Ethanol, 2-methoxy-, yttrium(3+) salt
CN Yttrium tris(methoxyethoxide)
DR 173446-76-9, 116925-58-7
MF C9 H21 O6 Y
CI CCS

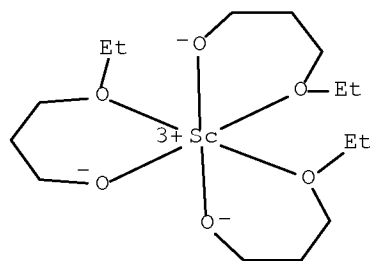
SR CA
 LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, CSCHEM, GMELIN*, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

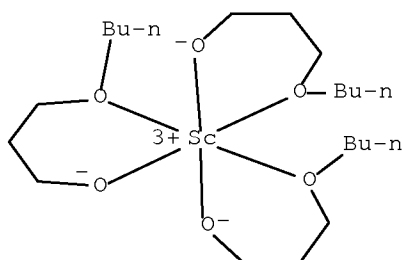
38 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 38 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 10 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 115668-56-9 REGISTRY
 ED Entered STN: 06 Aug 1988
 CN Scandium, tris(3-ethoxy-1-propanolato-O,O')- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propanol, 3-ethoxy-, scandium complex
 MF C15 H33 O6 Sc
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



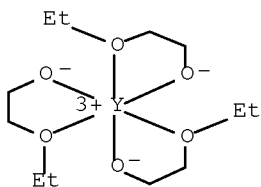
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 11 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 115668-55-8 REGISTRY
 ED Entered STN: 06 Aug 1988
 CN Scandium, tris(3-butoxy-1-propanolato-O,O')- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propanol, 3-butoxy-, scandium complex
 MF C21 H45 O6 Sc
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



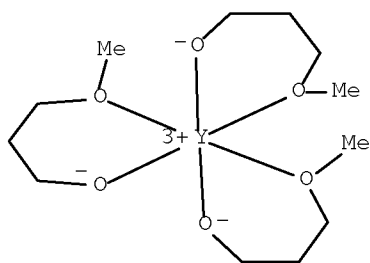
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 12 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115668-54-7 REGISTRY
ED Entered STN: 06 Aug 1988
CN Yttrium, tris[2-(ethoxy-κO)ethanolato-κO]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanol, 2-ethoxy-, yttrium complex
CN Yttrium, tris(2-ethoxyethanolato-O,O')-
MF C12 H27 O6 Y
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



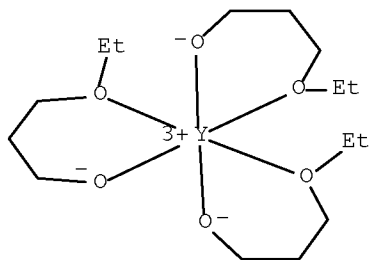
10 REFERENCES IN FILE CA (1907 TO DATE)
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 13 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115668-53-6 REGISTRY
ED Entered STN: 06 Aug 1988
CN Yttrium, tris(3-methoxy-1-propanolato-O,O')- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-methoxy-, yttrium complex
MF C12 H27 O6 Y
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



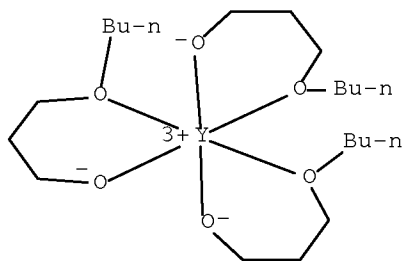
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 14 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115668-52-5 REGISTRY
ED Entered STN: 06 Aug 1988
CN Yttrium, tris(3-ethoxy-1-propanolato-O,O')- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-ethoxy-, yttrium complex
MF C15 H33 O6 Y
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 15 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115668-51-4 REGISTRY
ED Entered STN: 06 Aug 1988
CN Yttrium, tris(3-butoxy-1-propanolato-O,O')- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-butoxy-, yttrium complex
MF C21 H45 O6 Y
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 16 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-25-8 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-butoxy-, barium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-butoxy-, barium salt (9CI)
MF C7 H16 O2 . 1/2 Ba
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (10215-33-5)

HO—(CH₂)₃—OBu-n

● 1/2 Ba

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 17 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-24-7 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-ethoxy-, barium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-ethoxy-, barium salt (9CI)
MF C5 H12 O2 . 1/2 Ba
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (111-35-3)

HO—(CH₂)₃—OEt

● 1/2 Ba

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 18 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-23-6 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-methoxy-, barium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-methoxy-, barium salt (9CI)
DR 141876-60-0
MF C4 H10 O2 . 1/2 Ba
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (1589-49-7)

HO—(CH₂)₃—OMe

● 1/2 Ba

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 19 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-22-5 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-butoxy-, strontium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-butoxy-, strontium salt (9CI)
MF C7 H16 O2 . 1/2 Sr
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (10215-33-5)

HO—(CH₂)₃—OBu-n

● 1/2 Sr

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 20 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-21-4 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-ethoxy-, strontium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-ethoxy-, strontium salt (9CI)
MF C5 H12 O2 . 1/2 Sr
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (111-35-3)

HO—(CH₂)₃—OEt

● 1/2 Sr

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 21 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-20-3 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-methoxy-, strontium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-methoxy-, strontium salt (9CI)
OTHER NAMES:
CN Strontium methoxypropylate
MF C4 H10 O2 . 1/2 Sr
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (1589-49-7)

HO—(CH₂)₃—OMe

● 1/2 Sr

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 22 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-19-0 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-butoxy-, calcium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-butoxy-, calcium salt (9CI)
MF C7 H16 O2 . 1/2 Ca
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (10215-33-5)

HO—(CH₂)₃—OBu-n

● 1/2 Ca

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 23 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-18-9 REGISTRY
ED Entered STN: 30 Jul 1988

CN 1-Propanol, 3-ethoxy-, calcium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-ethoxy-, calcium salt (9CI)
MF C5 H12 O2 . 1/2 Ca
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (111-35-3)

HO—(CH₂)₃—OEt

● 1/2 Ca

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 24 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-17-8 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-methoxy-, calcium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-methoxy-, calcium salt (9CI)
MF C4 H10 O2 . 1/2 Ca
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
CRN (1589-49-7)

HO—(CH₂)₃—OMe

● 1/2 Ca

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 25 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-16-7 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-butoxy-, magnesium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-butoxy-, magnesium salt (9CI)
MF C7 H16 O2 . 1/2 Mg
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (10215-33-5)

HO—(CH₂)₃—OBu-n

● 1/2 Mg

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 26 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-15-6 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-ethoxy-, magnesium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-ethoxy-, magnesium salt (9CI)
MF C5 H12 O2 . 1/2 Mg
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (111-35-3)

HO—(CH₂)₃—OEt

● 1/2 Mg

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 27 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-14-5 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 3-methoxy-, magnesium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 3-methoxy-, magnesium salt (9CI)
MF C4 H10 O2 . 1/2 Mg
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (1589-49-7)

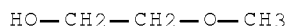
HO—(CH₂)₃—OMe

● 1/2 Mg

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 28 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-13-4 REGISTRY
ED Entered STN: 30 Jul 1988
CN Ethanol, 2-methoxy-, barium salt (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Barium di(2-methoxyethoxide)
CN Barium methoxyethoxide
CN Barium(2+) 2-methoxyethoxide
MF C3 H8 O2 . 1/2 Ba
SR CA
LC STN Files: CA, CAPLUS, GMELIN*, TOXCENTER, USPAT2, USPATFULL

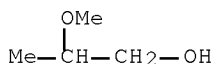
(*File contains numerically searchable property data)
CRN (109-86-4)



● 1/2 Ba

60 REFERENCES IN FILE CA (1907 TO DATE)
60 REFERENCES IN FILE CAPLUS (1907 TO DATE)

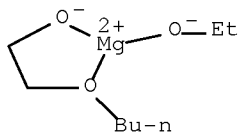
L7 ANSWER 29 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-12-3 REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Propanol, 2-methoxy-, magnesium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanol, 2-methoxy-, magnesium salt (9CI)
MF C4 H10 O2 . 1/2 Mg
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
CRN (1589-47-5)



● 1/2 Mg

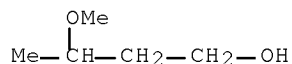
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 30 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 115503-11-2 REGISTRY
ED Entered STN: 30 Jul 1988
CN Magnesium, (2-butoxyethanolato-O,O')ethoxy- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanol, 2-butoxy-, magnesium complex
MF C8 H18 Mg O3
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

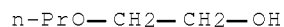
L7 ANSWER 31 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN ~~115503-10-1~~ REGISTRY
ED Entered STN: 30 Jul 1988
CN 1-Butanol, 3-methoxy-, magnesium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Butanol, 3-methoxy-, magnesium salt (9CI)
MF C5 H12 O2 . 1/2 Mg
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (2517-43-3)



● 1/2 Mg

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 32 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN ~~115503-09-8~~ REGISTRY
ED Entered STN: 30 Jul 1988
CN Ethanol, 2-propoxy-, magnesium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanol, 2-propoxy-, magnesium salt (9CI)
MF C5 H12 O2 . 1/2 Mg
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (2807-30-9)



● 1/2 Mg

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 33 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN ~~59664-68-5~~ REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanol, 2-methoxy-, strontium salt (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Bis(2-methoxyethoxy)strontium
CN Strontium 2-methoxyethoxide
CN Strontium bis(2-methoxyethoxide)
CN Strontium di(2-methoxyethoxide)
MF C3 H8 O2 . 1/2 Sr
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL
CRN (109-86-4)

HO—CH₂—CH₂—O—CH₃

● 1/2 Sr

50 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
50 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 34 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 59664-67-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanol, 2-ethoxy-, barium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanol, 2-ethoxy-, barium salt (9CI)
OTHER NAMES:
CN Bis(2-ethoxyethoxy)barium
MF C₄ H₁₀ O₂ . 1/2 Ba
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
CRN (110-80-5)

EtO—CH₂—CH₂—OH

● 1/2 Ba

13 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 35 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 42569-75-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanol, 2-methoxy-, magnesium salt (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Bis(2-methoxyethoxy)magnesium
MF C₃ H₈ O₂ . 1/2 Mg
LC STN Files: CA, CAPLUS, USPATFULL
CRN (109-86-4)

HO—CH₂—CH₂—O—CH₃

● 1/2 Mg

7 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 36 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN

RN 28137-68-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanol, 2-ethoxy-, calcium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanol, ethoxy-, calcium salt (2:1) (9CI)
OTHER NAMES:
CN Calcium 2-ethoxyethoxide
MF C4 H10 O2 . 1/2 Ca
LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL
(*File contains numerically searchable property data)
CRN (110-80-5)

EtO-CH₂-CH₂-OH

● 1/2 Ca

12 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 37 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 28099-67-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanol, 2-methoxy-, calcium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Calcium, bis(2-methoxyethoxy)- (7CI)
CN Ethanol, 2-methoxy-, calcium salt (8CI, 9CI)
OTHER NAMES:
CN Bis(2-methoxyethoxy)calcium
CN Calcium 2-methoxyethoxide
CN Calcium di(2-methoxyethoxide)
CN Calcium methoxyethoxide
DR 141998-78-9
MF C3 H8 O2 . 1/2 Ca
LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL, USPATOLD
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (109-86-4)

HO-CH₂-CH₂-O-CH₃

● 1/2 Ca

50 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
50 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 38 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 14064-03-0 REGISTRY
ED Entered STN: 16 Nov 1984

CN Ethanol, 2-ethoxy-, magnesium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanol, 2-ethoxy-, magnesium salt (8CI, 9CI)
OTHER NAMES:
CN Bis(2-ethoxyethoxy)magnesium
CN Magnesium 2-ethoxyethoxide
MF C4 H10 O2 . 1/2 Mg
LC STN Files: BIOSIS, CA, CAPLUS, CASREACT, CHEMLIST, CSCHEM, IFICDB,
IFIPAT, IFIUDB, TOXCENTER, USPATFULL, USPATOLD
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (110-80-5)

EtO—CH₂—CH₂—OH

● 1/2 Mg

36 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
36 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 39 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 13043-44-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanol, 2-ethoxy-, strontium salt (2:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanol, 2-ethoxy-, strontium salt (8CI, 9CI)
CN Strontium, bis(2-ethoxyethoxy)- (7CI)
OTHER NAMES:
CN Strontium 2-ethoxyethoxide
MF C4 H10 O2 . 1/2 Sr
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER, USPATFULL, USPATOLD
(*File contains numerically searchable property data)
CRN (110-80-5)

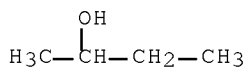
EtO—CH₂—CH₂—OH

● 1/2 Sr

13 REFERENCES IN FILE CA (1907 TO DATE)
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 40 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
RN 2269-22-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Butanol, aluminum salt (3:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Butanol, aluminum salt (9CI)
CN Aluminum sec-butoxide (6CI, 7CI)
CN sec-Butyl alcohol, aluminum salt (8CI)
OTHER NAMES:

CN Aluminum 2-butoxide
 CN Aluminum sec-butanolate
 CN Aluminum sec-butylate
 CN Aluminum tri(sec-butylate)
 CN Aluminum tri-sec-butoxide
 CN Aluminum tris(sec-butoxide)
 CN ASB
 CN ASB (salt)
 CN ASBD
 CN Tri-sec-butoxyaluminum
 CN Tris(2-butanolato)aluminum
 CN Tris(2-butoxy)aluminum
 CN Tris(sec-butoxy)aluminum
 DR 937181-21-0, 1098205-62-9, 129770-44-1, 130099-40-0, 4162-86-1,
 113538-64-0, 36977-99-8, 112362-90-0, 541539-94-0
 MF C4 H10 O . 1/3 Al
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS,
 CHEMLIST, CSCHEM, DETHERM*, GMELIN*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS,
 TOXCENTER, ULIDAT, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (78-92-2)



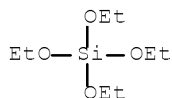
● 1/3 Al

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1557 REFERENCES IN FILE CA (1907 TO DATE)
 86 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1560 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 41 OF 41 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 78-10-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Silicic acid (H4SiO4), tetraethyl ester (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethyl silicate ((EtO)4Si) (6CI)
 OTHER NAMES:
 CN Colcoat 6P
 CN Conservare OH
 CN Dynasil A
 CN ES 100
 CN ES 100 (silicate)
 CN ES 140
 CN ES 28
 CN ES 28 (ester)
 CN ES 28P
 CN ES 45
 CN Ethyl orthosilicate
 CN Ethyl silicate 28

CN Ethyl silicate 28P
 CN Ethyl Silicate 45
 CN Ethyl silicate PHASE
 CN KBE 04
 CN KBM 06
 CN KIEM-Silex OH
 CN LS 2340
 CN LS 2430
 CN NSC 4790
 CN PETEOS
 CN PG 121
 CN Remmers 300
 CN SI 42
 CN Silane, tetraethoxy-
 CN Silicon ethoxide
 CN Silicon ethoxide (Si(OEt)4)
 CN Silicon tetraethoxide
 CN Silicon tetraethoxide (Si(OC2H5)4)
 CN Silicon tetraethoxide (Si(OEt)4)
 CN Silikan L
 CN T 0100
 CN T 0100 (ester)
 CN T 1807
 CN TEOS
 CN TES 28
 CN Tetraethoxy orthosilicate
 CN Tetraethoxysilane
 CN Tetraethoxysilicon
 CN Tetraethoxysilicon(IV)
 CN Tetraethyl orthosilicate
 CN Tetraethyl silicate
 CN TSL 8124
 CN TSLB 124
 CN Unisilan 74
 CN WD 932
 MF C8 H20 O4 Si
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT,
 CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB,
 DETHERM*, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*,
 MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT,
 USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

29641 REFERENCES IN FILE CA (1907 TO DATE)
 1625 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 29745 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> log hold

(FILE 'HOME' ENTERED AT 16:19:18 ON 18 MAY 2009)

FILE 'CASREACT' ENTERED AT 16:20:11 ON 18 MAY 2009

L1 STRUCTURE UPLOADED
 D L1

L2 16 SEA FILE=CASREACT SSS SAM L1 (116 REACTIONS)

FILE 'CAPLUS' ENTERED AT 16:26:14 ON 18 MAY 2009

FILE 'REGISTRY' ENTERED AT 16:26:30 ON 18 MAY 2009

FILE 'CASREACT' ENTERED AT 16:26:42 ON 18 MAY 2009

L3 1842 SEA FILE=CASREACT SSS FUL L1 (11009 REACTIONS)

FILE 'CAPLUS' ENTERED AT 16:27:50 ON 18 MAY 2009

SET LINE 250
SET DETAIL OFF
E SCANDIUM+ALL/CT
SET LINE LOGIN
SET DETAIL LOGIN
SET LINE 250
SET DETAIL OFF
E LANTHANUM+ALL/CT
SET LINE LOGIN
SET DETAIL LOGIN
SET LINE 250
SET DETAIL OFF
E RARE EARTH METALS+ALL/CT
SET LINE LOGIN
SET DETAIL LOGIN
SET LINE 250
SET DETAIL OFF
E ACTINIUM+ALL/CT
SET LINE LOGIN
SET DETAIL LOGIN

L4 11 SEA FILE=CAPLUS SPE=ON PLU=ON L3 AND ((SCANDIUM OR "GROUP
 IIIB ELEMENTS") OR (LANTHANUM OR "RARE EARTH METALS") OR
 (ACTINIUM OR "ACTINIDES"))
 D L4 IBIB ABS IND 1-11

FILE 'CAPLUS' ENTERED AT 18:08:16 ON 18 MAY 2009

L5 0 SEA FILE=CAPLUS SPE=ON PLU=ON US4837190/PA

L6 1 SEA FILE=CAPLUS SPE=ON PLU=ON US4837190/PN
 D L6
 SEL RN

FILE 'REGISTRY' ENTERED AT 18:10:01 ON 18 MAY 2009

L7 41 SEA FILE=REGISTRY SPE=ON PLU=ON (115503-09-8/BI OR 115503-10-
 1/BI OR 115503-11-2/BI OR 115503-12-3/BI OR 115503-13-4/BI OR
 115503-14-5/BI OR 115503-15-6/BI OR 115503-16-7/BI OR 115503-17
 -8/BI OR 115503-18-9/BI OR 115503-19-0/BI OR 115503-20-3/BI OR
 115503-21-4/BI OR 115503-22-5/BI OR 115503-23-6/BI OR 115503-24
 -7/BI OR 115503-25-8/BI OR 115668-51-4/BI OR 115668-52-5/BI OR
 115668-53-6/BI OR 115668-54-7/BI OR 115668-55-8/BI OR 115668-56
 -9/BI OR 115668-57-0/BI OR 115668-58-1/BI OR 115668-59-2/BI OR
 115668-60-5/BI OR 115668-61-6/BI OR 115668-62-7/BI OR 115685-56

-8/BI OR 117522-10-8/BI OR 117522-11-9/BI OR 13043-44-2/BI OR
14064-03-0/BI OR 2269-22-9/BI OR 28099-67-4/BI OR 28137-68-0/BI
OR 42569-75-5/BI OR 59664-67-4/BI OR 59664-68-5/BI OR
78-10-4/BI)
D L7 1-41

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	88.37	292.61
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-9.02

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 18:15:41 ON 18 MAY 2009